

Triallylethoxysilane

Inchi:	InChI=1S/C11H20OSi/c1-5-9-13(10-6-2,11-7-3)12-8-4/h5-7H,1-3,8-11H2,4H3
InchiKey:	PITANJVKTXCWKI-UHFFFAOYSA-N
Formula:	C11H20OSi
SMILES:	C=CC[Si](CC=C)(CC=C)OCC
Mol. weight [g/mol]:	196.36
CAS:	17962-20-8

Physical Properties

Property code	Value	Unit	Source
log10ws	-1.13		Crippen Method
logp	3.526		Crippen Method

Temperature Dependent Properties

Property code	Value	Unit	Temperature [K]	Source
hvapt	48.40	kJ/mol	411.00	NIST Webbook

Sources

Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C17962208&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l

Legend

hvapt:	Enthalpy of vaporization at a given temperature
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient

Latest version available from:

<https://www.chemeo.com/cid/20-615-6/Triallylethoxysilane.pdf>

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